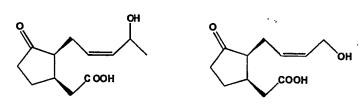
1/6



11-hydroxyjasmonic acid

12-hydroxyjasmonic acid

Figure 1

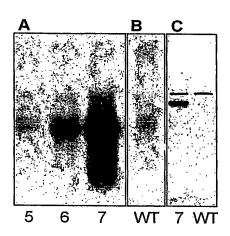


Figure 2

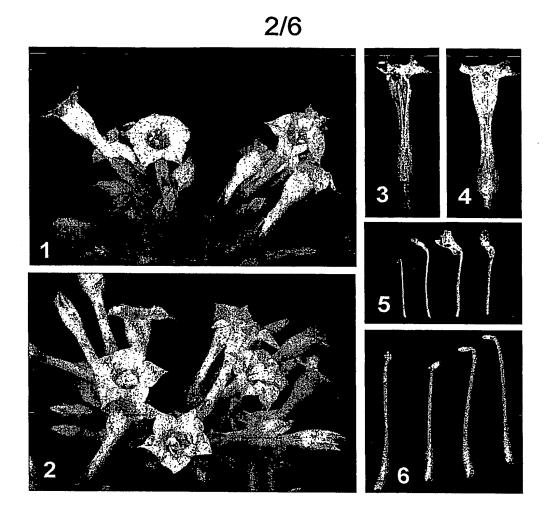


Figure 3

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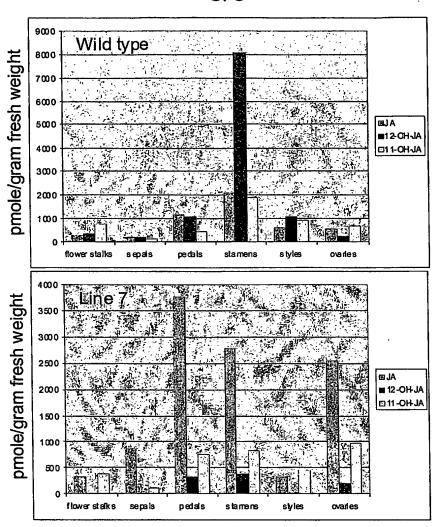
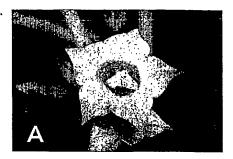


Figure 4





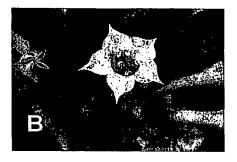


Figure 5

GeneBank accession number: NM_120783 SEQ ID NO 1

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1 accaacaca aaagattcca ttacaaataa acaattttca tatatatcta taacaaaaaa
 61 aaacaatggc tacctcaagc atgaagagca ttccaatggc gatcccaagt ttctccatgt
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 181 atgaagggct aagctgcgag ttccaagaga tgttggattc tcttcctaag gagagaggat
 241 ggagaactcg ttacctttac ctattccaag ggttttggtg ccaagccaaa gagattcaag
 301 ccatcatgtc tttccaaaaa catttccaat ccctcgaaaa cgacgtcgtt ctcgccacca
 361 tacctaaatc cggtacaacc tggctaaaag ctttaacttt caccatcctt aaccgtcacc
 421 ggtttgatcc ggttgcctcg agtaccaacc accetetttt cacttccaac ceteatgacc
 481 ttgtaccttt cttcgagtac aagctttacg ccaacggaga tgttcccgat ctctcgggtc
 541 tagccagtcc aagaacgttc gcaacccact taccgttcgg ttccctaaag gaaacgatcg
 601 agaaacccgg tgtgaaggtc gtgtacttgt gccggaaccc gtttgacaca ttcatctctt
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 781 gatactggag agagagettg aagagaccag agaaagtett ettttaagg tacgaggate
 841 tcaaagacga catcgagacc aacttgaaga ggcttgcaac tttcttagag cttcctttca
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 961 atctgaagaa gttggaggtg aacaagtcaa acaagtcgat caagaacttt gagaatcgat
1021 tettgttteg gaaaggagaa gtgagtgatt gggttaacta tttgtcacet teacaagtgg
1081 aaagattgtc agccttagtg gatgacaagt taggtggatc tggtctcact ttcaggttga
1141 gctaaatata aggccacgtg cccccatttc tactcttgtt ctgagggcct actatatacg
1261 ccataattaa gtt
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Figure 6

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GeneBank accession number: NM_120783 SEQ ID NO 3

MATSSMKSIPMAIPSFSMCHKLELLKEGKTRDVPKAEEDEGLSC EFQEMLDSLPKERGWRTRYLYLFQGFWCQAKEIQAIMSFQKHFQSLENDVVLATIPKS GTTWLKALTFTILNRHRFDPVASSTNHPLFTSNPHDLVPFFEYKLYANGDVPDLSGLA SPRTFATHLPFGSLKETIEKPGVKVVYLCRNPFDTFISSWHYTNNIKSESVSPVLLDQ AFDLYCRGVIGFGPFWEHMLGYWRESLKRPEKVFFLRYEDLKDDIETNLKRLATFLEL PFTEEEERKGVVKAIAELCSFENLKKLEVNKSNKSIKNFENRFLFRKGEVSDWVNYLS PSQVERLSALVDDKLGGSGLTFRLS

Figure 7

GeneBank accession number NM_120782 SEQ ID NO 2

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 61 ctaagctacg agttccaaga gatgttggac tctcttccta aggagagagg acggagaaat
121 cgttaccttt acttattcca agggtttcgg tgccaagcta aggagattca agctatcacq
181 totttecaaa aacattttea gteeetteea gaegaegttg teeteqeeae catacetaaa
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901 ttgtttagga aaggagaagt gagtgatttg gttaactatt tgtcgccatc acaagtggaa
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1021 taa
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Figure 8

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GeneBank accession number NM_120782 SEQ ID NO 4

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LGYWRESLKRPEKVLFLKYEDLKEDIETNLKKLASFLGLPFTEEEEQKGVVKAIADLC
SFENLKKLEVNKSSKLIQNYENRFLFRKGEVSDLVNYLSPSQVERLSALVDDKLAGSG
LTFRLS

Figure 9